AMENDMENTS IN THE CLAIMS:

1. (Previously Amended) A reflective liquid crystal device comprising in sequence a linear polariser, a retarder arrangement comprising two retarders, and a reflector, characterized in that,

in at least one state of the device, a first of said retarders acts to rotate linearly polarised light of wavelength λ and a second of the retarders acts to convert linearly polarised light of wavelength $y\lambda$ (where 0.7<y<1.3) to substantially circular polarised light, and

at least one of the said first and second retarders comprises a Bistable Twisted Nematic (BTN) liquid crystal.

2. (Canceled)

- 3. (Original) A device according to claim 1, wherein the BTN is switchable between a first state in which it rotates linearly polarised light and a second state in which it does not rotate linearly polarised light.
 - 4. (Original) A device according to claim 1, wherein the BTN is switchable between a first state in which it substantially converts linearly polarised light to circularly polarised light and a second state in which it does not convert linearly polarised light to circularly polarised light.



- 5. (Previously Amended) A device according to claim 1, wherein the retarder adjacent to the polariser is a fixed retarder with an optic axis at an angle θ_1 to either the transmission or absorption axis of the polariser, and the retarder adjacent to the reflector is a BTN which in the low twist state, ϕ , has the input director (LC director at cell surface adjacent to retarder) at an angle $\theta_2 = 2\theta_1 + \theta$ (ϕ) +x, wherein x < 5°.
 - 6. (Canceled)



- 7. (Previously Amended) A device according to claim 5, wherein θ_1 is substantially 15° and the low twist state is substantially $\phi = 0$ °.
- 8. (Previously Amended) A device according to claim 5, wherein $5^{\circ} < \theta_1$ < 25° and the low twist state is substantially $\phi = 63.6^{\circ}$.
- 9. (Previously Amended) A device according to claim 5, wherein $\theta_1 = 15^{\circ}$ and the low twist state is substantially $\phi = 63.6^{\circ}$.
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- 10. (Original) A device according to claim 8, wherein θ_1 = 6° and the low twist state is substantially ϕ = 63.6°.
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- 11. (Previously Amended) A device according to claim 5, wherein 5°< 90°-θ, < 25° and the low twist state is substantially φ = 63.6°.
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- 12. (Original) A device according to claim 11, wherein θ_1 = 84° and the low twist state is substantially ϕ = 63.6°.
- 13. (Original) A device according to claim 5, wherein θ₁ and θ₂ are both substantially 15° and the low twist state is substantially φ=85°.



- 14. (Previously Amended) A device according to claim 1, wherein the retarder adjacent to the polariser is a BTN which in the low twist state has $\phi = 0^{\circ}$ and optic axis at an angle α to either the transmission or absorption axis of the polariser and the retarder adjacent the reflector is a fixed retarder with optic axis at an angle $2\alpha+45^{\circ}+x$, wherein $x < 5^{\circ}$, preferably 0° .
 - 15. (Canceled)

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16. (Previously Amended) A reflective liquid crystal device comprising in sequence a linear polariser, a retarder arrangement comprising two retarders, and a reflector, characterized in that,

a first of said retarders provides a retardation of substantially mW2 and a second of the retarders provides a retardation of substantially nW4 where m is an integer and n is an odd integer,

at least one of the said first and second retarders comprises a Bistable Twisted Nematic (BTN) liquid crystal, and

the at least one of the said first and second retarders is switchable between a first state in which the retarder provides a retardation of substantially mN2 or nN4 and a second state in which the retardation is substantially zero.

- 17. (Original) A device according to claim 16, wherein the wavelength λ is an operating wavelength of the reflective liquid crystal device and is in the range 400-700nm.
- 18. (Original) A device according to claim 17, wherein the wavelength λ is in the range 420-600nm.
- 19. (Original) A device according to claim 18, wherein the wavelength λ is in the range 440-550nm.

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20. (Previously Amended) A device according to claim 16, wherein the retarder comprising a BTN liquid crystal provides a retardation of nN4.

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21. (Previously Amended) A reflective liquid crystal device comprising in sequence a linear polariser, a retarder arrangement comprising at least three retarders, and a reflector, characterized in that,

at least one of said retarders comprises a Bistable Twisted Nematic (BTN) liquid crystal, and



the at least one of said retarders is switchable between first and second retardation states.

- 22. (Original) A device according to claim 21, wherein the retarder adjacent to the reflector acts to convert linearly polarised light of wavelength $y\lambda$ (0.7<y<1.3) to substantially circular polarised light, and the two other retarders act to rotate linearly polarised light of wavelength λ .
- Previously Amended) A device according to claim 22, wherein the retarder adjacent the polariser is at angle α to the axis of the polariser, the next retarder is at angle β to the axis of the polariser and the retarder adjacent the reflector is a BTN which in the low twist state, φ , has the input director (LC director at cell surface adjacent to retarder) at an angle $2(\beta-\alpha)+\theta(\varphi)+x$ to the axis of the polariser wherein $x < 5^\circ$, preferably 0° .
 - 24. (Canceled)
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- 25. (Previously Amended) A device according to claim 23 in which α = 6.9° and β = 34.5°.



- 26. (Original) A device according to claim 21, wherein the retarder adjacent to the polariser acts to rotate linearly polarised light of wavelength λ , the middle retarder acts to convert linearly polarised light of wavelength $y\lambda$ (0.7<y<1.3) to substantially circular polarised light, and the retarder adjacent to the reflector is a BTN device.
- 27. (Original) A device according to claim 26, wherein the retarder adjacent to the polariser has optic axis at α to the axis of the polariser, the middle retarder has optic axis at $2\alpha+45^{\circ}$ to the axis of the polariser.



- 28. (Original) A device according to claim 27, wherein α =15° and the BTN has a low twist state of 0° orientated at 75° to the transmission axis of the polariser.
- 29. (Original) A device according to claim 21, wherein said at least one retarder provides a retardation in said first state of substantially $m\lambda/2$ or $n\lambda/4$ where m is an integer and n is an odd integer, and a retardation in said second state of substantially zero.
- 30. (Previously Amended) A device according to claim 22, wherein the wavelength λ is an operating wavelength of the reflective liquid crystal device and is in the range 400-700nm.
- 31. (Original) A device according to claim 30, wherein the wavelength λ is in the range 440-550nm.
- 32. (Previously Amended) A device according to claim 1 in which the BTN switches between a state φ and (φ±360°).
- 33. (Previously Amended) A device according to claim 1 in which the BTN switches between a state ϕ and $(\phi \pm 180^{\circ})$.
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- 34. (Previously Added) A device according to claim 16 in which the BTN switches between a state φ and (φ±360°).
- 35. (Previously Added) A device according to claim 16 in which the BTN switches between a state ϕ and (ϕ ±180°).
- 36. (Previously Added) A device according to claim 21 in which the BTN switches between a state φ and (φ±360°).



37. (Previously Added) A device according to claim 21 in which the BTN switches between a state ϕ and $(\phi \pm 180^\circ)$.